

KENWOOD

SB-931

SERVICE BULLETIN AMATEUR RADIO

SUBJECT	DATE
TM-721A LOW/NO VHF TRANSMIT POWER	4/11/88

Some early model TM-721A transceivers may develop low or no output power on the VHF band. This may be caused by coil L6 or L9 on the final unit. The coils should be inspected for burn marks on the their insulation. If any flaw is detected in the insulation, replace the coil with a wider spaced coil.

REQUIRED PARTS:

COIL, 9.5T L6,9 PART # L34-1238-05

1. Disconnect the power supply and antenna from the transceiver.
2. Remove the top and bottom covers (12 screws). Do not damage the speaker wires when removing the top cover.
3. Remove the VHF Final unit shield (4 screws) from the top of the TM-721A
4. Unsolder the Final module (Q1), antenna coax, and terminal pin W4 from the Final board.
5. Unplug the wires at connectors CN2, CN3 and CN4 on the VHF TX-RX unit (top side of the transceiver).
6. Unplug the wires at connector CN10 on the UHF TX-RX unit (bottom side of the transceiver).
7. Remove the 7 screws from the VHF Final unit. Remove the Final unit from the transceiver.
8. Unsolder and remove the coil (L6 or L9). Install and solder the new coil.
9. Assemble the transceiver by reversing steps 1 - 7.

This modification may be covered under warranty.

Time required for this modification is 1.0 hrs or less. (C) 42588TKC

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